

GenCore version 5.1.3
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 29, 2003, 21:28:42 ; Search time 12.0103 Seconds
(without alignments)
6347.335 Million cell updates/sec

Title: US-09-988-971-1_COPY_694_942

Perfect score: 249
Sequence: 1 tggcgtatgagggccgcag.....aggccctgtgacacatrac 249

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :
1: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
3: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
4: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
5: /cgn2_6/prodata/1/ina/5A_COMB.seq:*
6: /cgn2_6/prodata/1/ina/5A_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|-------------------|
| 1 | 97 | 39.0 | 675 | 1 | US-08-707-793A-3 |
| 2 | 97 | 39.0 | 675 | 1 | US-08-707-792A-3 |
| 3 | 74.6 | 30.0 | 1611 | 1 | US-07-820-011A-3 |
| 4 | 74.6 | 30.0 | 1611 | 1 | PCT-US93-004A-3 |
| 5 | 73 | 29.3 | 2647 | 5 | PCT-US93-062A-77 |
| 6 | 66.6 | 26.7 | 1602 | 1 | US-07-820-011A-1 |
| 7 | 66.6 | 26.7 | 1602 | 5 | PCT-US93-004A-51 |
| 8 | 65.2 | 26.2 | 282 | 2 | US-09-006-675-5 |
| 9 | 65.2 | 26.2 | 282 | 4 | US-09-228-63A-5 |
| 10 | 65.2 | 26.2 | 1491 | 4 | US-09-006-675-1 |
| 11 | 65.2 | 26.2 | 1491 | 4 | US-09-228-63A-1 |
| 12 | 52.2 | 22.0 | 4517 | 4 | PCT-US93-062A-83 |
| 13 | 48.8 | 19.6 | 1548 | 4 | US-09-009-053-1 |
| 14 | 46 | 18.5 | 144 | 5 | PCT-US93-062A-14 |
| 15 | 45 | 18.1 | 144 | 5 | PCT-US93-062A-13 |
| 16 | 40.8 | 16.4 | 164 | 1 | US-08-306-691B-28 |
| 17 | 40.8 | 16.4 | 164 | 5 | PCT-US93-062A-70 |
| 18 | 36.8 | 14.8 | 115 | 1 | US-08-306-691B-27 |
| 19 | 36.8 | 14.8 | 115 | 5 | PCT-US93-062A-69 |
| 20 | 35.2 | 14.1 | 5020 | 3 | US-08-938-21A-3 |
| 21 | 34 | 13.7 | 2770 | 4 | US-08-426-309A-5 |
| 22 | 34 | 13.7 | 2770 | 4 | PCT-US95-050A-5 |
| 23 | 34 | 13.7 | 7607 | 1 | US-08-222-616-19 |
| 24 | 34 | 13.7 | 7607 | 4 | US-08-446-648-19 |
| 25 | 34 | 13.7 | 7607 | 5 | PCT-US95-042A-19 |
| 26 | 33.6 | 13.5 | 1804 | 1 | US-08-306-691B-40 |
| 27 | 33.6 | 13.5 | 1804 | 4 | US-09-167-322-14 |

| | | | | | | |
|----|------|------|-------|---|-------------------|-------------------|
| 28 | 33.6 | 13.5 | 1804 | 5 | PCT-US93-062A-82 | Sequence 82, Appl |
| 29 | 33.4 | 13.4 | 1810 | 1 | US-07-708-866A-1 | Sequence 1, Appl |
| 30 | 33.4 | 13.4 | 1810 | 1 | US-07-708-866A-2 | Sequence 2, Appl |
| 31 | 33 | 13.3 | 479 | 4 | US-09-465-558-25 | Sequence 25, Appl |
| 32 | 32 | 12.9 | 289 | 4 | US-09-007-005-17 | Sequence 17, Appl |
| 33 | 32 | 12.9 | 289 | 4 | US-09-244-796-17 | Sequence 17, Appl |
| 34 | 31 | 12.4 | 20235 | 1 | US-07-642-734C-3 | Sequence 3, Appl |
| 35 | 31 | 12.4 | 20235 | 3 | US-08-439-009A-3 | Sequence 3, Appl |
| 36 | 30.4 | 12.2 | 1820 | 1 | US-08-173-508-7 | Sequence 7, Appl |
| 37 | 30.4 | 12.2 | 1821 | 2 | US-08-265-310-7 | Sequence 7, Appl |
| 38 | 30.4 | 12.2 | 1821 | 2 | US-08-351-742-7 | Sequence 7, Appl |
| 39 | 30.2 | 12.1 | 536 | 4 | US-09-465-558-63 | Sequence 63, Appl |
| 40 | 29.8 | 12.0 | 1058 | 3 | US-09-156-807-1 | Sequence 1, Appl |
| 41 | 29.8 | 12.0 | 1058 | 4 | US-09-387-341-109 | Sequence 109, App |
| 42 | 29.6 | 11.9 | 1142 | 4 | US-09-386-642-8 | Sequence 8, Appl |
| 43 | 29.6 | 11.9 | 1169 | 4 | US-09-386-642-7 | Sequence 7, Appl |
| 44 | 29.2 | 11.7 | 1419 | 1 | US-08-480-525-1 | Sequence 1, Appl |
| 45 | 29.2 | 11.7 | 1419 | 5 | PCT-US94-064A-21 | Sequence 1, Appl |

ALIGNMENTS

RESULT 1
US-08-707-793A-3
Sequence 3, Application US/08/07/793A
Patent No. 577696
GENERAL INFORMATION:
APPLICANT: SALOME, SCOTT P.
TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
TITLE OF INVENTION: FUSION PROTEINS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/07/793A
FILING DATE: 04-SEP-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Camara, Valerie J
REGISTRATION NUMBER: 35,090
REFERENCE/DOCKET NUMBER: 19494
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3902
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 675 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOTIF TYPE: Genomic DNA
US-08-707-793A-3

Query Match 39.0%; Score 97; DB 1; Length 675;
Best Local Similarity 61.8%; Pred. No. 6.7e-20;
Matches 154; Conservative 0; Mismatches 95; Indels 0; Gaps 0;
Gy 1 tggcgtatgagggccgcagcaggaagcagagaaactctgtttacttggaac 60

Db 373 TGGTCTTCAGAACTCGAGCCGAGAGCCGAGCCGCTCCGCGCCCGGAGAC 432
Qy 61 CCGAGAGGGGCTTCTCTATCCGAGAGCCAGAGAGGCTTCTCTCTCA 120
Db 433 ACTCAGGGGCTCTTCTCTATCCGAGAGCCAGAGCCGCGGATCGTTTCACTGCG 492
Qy 121 GTCCGCTCAGCCGCTCTGATCTCGGAGCCGATCAGACCTACAGATCCAGCTT 180
Db 493 GTCCGGACCTTCAGACCAAGAGAGGAGTGTGAACATTACAAAGATCCGTATCTG 552
Qy 181 GACAAATGCTGCTGTATCATCTCAGCCGCTCCTTCCCTCACTCCAGGCTGTG 240
Db 553 GACAAAGTGTGCTTCTATCATCTCCCTCGAATCATTTTCCGCGCTGATGAAGTGTG 612
Qy 241 GACCATTAAC 249
Db 613 GCCATTAC 621

RESULT 2

US-08-707-792A-3

; Sequence 3, Application US/08707792A

; Patent No. 5783398

; GENERAL INFORMATION:

; APPLICANT: MARCY, ALICE

; APPLICANT: SALOME, SCOTT P.

; APPLICANT: WISNIEMSKI, DOUGLAS

; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING

; TITLE OF INVENTION: FUSION PROTEINS

; NUMBER OF SEQUENCES: 17

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Merck & Co., Inc.

; STREET: P.O. Box 2000, 126 E. Lincoln Ave.

; CITY: Rahway

; STATE: NJ

; COUNTRY: USA

; ZIP: 07065-0900

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ for windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/707,792A

; FILING DATE: 04-SEP-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Camara, Valerie J

; REGISTRATION NUMBER: 35,090

; REFERENCE/DOCKET NUMBER: 19524

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 908-594-3902

; TELEFAX: 908-594-4720

; TELEX:

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 675 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic DNA

; US-08-707-792A-3

Query Match 39.0%; Score 97; DB 1; Length 675;

Best Local Similarity 61.8%; Pred. No. 6,7e-20;

Matches 154; Conservative 0; Mismatches 95; Indels 0; Gaps 0;

Qy 1 TGGCTGTATGAGGGCTGAGCAGAGAAAGCAGAGAACTGCTTGTCTTACTCGGAGAC 60
|||||
|||

Db 373 TGGTCTTCAGAACTCGAGCCGAGAGCCGAGCCGCTCCGCGCCCGGAGAC 432
Qy 61 CCGAGAGGGGCTTCTCTATCCGAGAGCCAGAGAGGCTTCTCTCTCA 120
Db 433 ACTCAGGGGCTCTTCTCTATCCGAGAGCCAGAGCCGCGGATCGTTTCACTGCG 492
Qy 121 GTCCGCTCAGCCGCTCTGATCTCGGAGCCGATCAGACCTACAGATCCAGCTT 180
Db 493 GTCCGGACCTTCAGACCAAGAGAGGAGTGTGAACATTACAAAGATCCGTATCTG 552
Qy 181 GACAAATGCTGCTGTATCATCTCAGCCGCTCCTTCCCTCACTCCAGGCTGTG 240
Db 553 GACAAAGTGTGCTTCTATCATCTCCCTCGAATCATTTTCCGCGCTGATGAAGTGTG 612
Qy 241 GACCATTAAC 249
Db 613 GCCATTAC 621

RESULT 3

US-07-820-011A-3

; Sequence 3, Application US/07820011A

; Patent No. 5336615

; GENERAL INFORMATION:

; APPLICANT: Bell, Leonard

; APPLICANT: Madril, Joseph A.

; APPLICANT: Warren, Stephen L.

; APPLICANT: Luthinger, Daniel J.

; TITLE OF INVENTION: Genetically Engineered

; TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced

; TITLE OF INVENTION: Migration

; TITLE OF INVENTION: and Plasminogen Activator Activity

; NUMBER OF SEQUENCES: 4

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Maurice M. Klee

; STREET: 1951 Burr Street

; CITY: Fairfield

; STATE: Connecticut

; COUNTRY: USA

; ZIP: 06430

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 5.25 inch, 360 Kb storage

; COMPUTER: IBM PC XT

; OPERATING SYSTEM: PC-DOS/MS-DOS 2.10

; SOFTWARE: Displaywrite 3

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/820,011A

; FILING DATE: 19920106

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Klee, Maurice M.

; REGISTRATION NUMBER: 30,399

; REFERENCE/DOCKET NUMBER: LB-101

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (203) 255 1400

; TELEFAX: (203) 254 1101

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1611

; TYPE: NUCLEIC ACID

; STRANDEDNESS: Double

; TOPOLOGY: Linear

; MOLECULE TYPE: cDNA to mRNA

; HYPOHETICAL: NO

; ANTI-SENSE: NO

; ORIGINAL SOURCE:

; ORGANISM: Homo sapien

; POSITION IN GENOME:

; CHROMOSOME/SEGMENT: Chromosome 20

; PUBLICATION INFORMATION:

; AUTHORS: Anderson, Stephen K.

; AUTHORS: Gibbs, Carol P.

; AUTHORS: Tanaka, Akio

AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.
AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
TITLE: Oncogenes
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
US-07-820-011A-3

Query Match 30.0%; Score 74.6; DB 1; Length 1611;
Best Local Similarity 57.5%; Pred. No. 3.7e-13;
Matches 134; Conservative 0; Mismatches 99; Indels 0; Gaps 0;

QY 17 TGAGCAGGAGAAACGAGAGAACTGCTGTTACTCTGGAACCTGGAGGCGCTTCC 76
DB 467 TCACCAACGAGGAGTCAAGCGGTTACTGCTCAATGACGAGAACCCGAGAGGACCTTCC 526
QY 77 TCATCCGGAGAGCCAGACGAGAGGCTTACTCTGTGTCAGTCCGCGCTCAGCGGCC 136
DB 527 TCGTCGAGAAAGTAGACACGAGAGGCTTACTGCTCAATGACGAGAACCCGAGAGGACCTTCC 526
QY 137 CTGATCTCTGGACCGGATCAGACACTAGAGATCAGTGCCTTGAACATGGCGCTGT 196
DB 587 ACGCAAGGCGCTCAAGCTGAAAGCACTAAGATCCGCAAGCTGACACGCGCGCTTCT 646
QY 197 ACATCTACCGGCGCTCACTCCCTCACTCCAGGCGCTGAGACCATTAC 249
DB 647 ACATCACTCTCCGACCCAGATTCAACAGCTGAGAGCTGTGGCTTACTAC 699

RESULT 4
PCT-US93-00445-3
Sequence 3, Application PC/TUS9300445
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luthinger, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 760 Kb storage
COMPUTER: DELL 486/50

OPERATING SYSTEM: DOS 5.0
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00445
FILING DATE: 19930105
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 07/820,011
FILING DATE: 06-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: ALX-101PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 254 1101
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1611
TYPE: NUCLEIC ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapien
POSITION IN GENOME:
CHROMOSOME/SEGMENT: Chromosome 20
PUBLICATION INFORMATION:
AUTHORS: Anderson, Stephen K.
AUTHORS: Gibbs, Carol P.
AUTHORS: Tanaka, Akio
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: Human Cellular src Gene:
TITLE: Nucleotide Sequence and Derived Amino
TITLE: Acid Sequence of the Region Coding for
TITLE: the Carboxy-Terminal Two-Thirds of
TITLE: pp60c-src
JOURNAL: Molecular and Cellular Biology
VOLUME: 5
ISSUE: 5
PAGES: 1122-1129
DATE: May, 1985
PUBLICATION INFORMATION:
AUTHORS: Tanaka, Akio
AUTHORS: Gibbs, Carol P.
AUTHORS: Arthur, Richard R.
AUTHORS: Anderson, Stephen K.
AUTHORS: Kung, Hsing-Jien
AUTHORS: Fujita, Donald J.
TITLE: DNA Sequence Encoding the
TITLE: Amino-Terminal Region of the Human c-src
TITLE: Protein: Implications of Sequence
TITLE: Divergence among src-Type Kinase
TITLE: Oncogenes
JOURNAL: Molecular and Cellular Biology
VOLUME: 7
ISSUE: 5
PAGES: 1978-1983
DATE: May, 1987
PCT-US93-00445-3

Query Match 30.0%; Score 74.6; DB 5; Length 1611;
Best Local Similarity 57.5%; Pred. No. 3.7e-13;
Matches 134; Conservative 0; Mismatches 99; Indels 0; Gaps 0;

QY 17 TGAGCAGGAGAAACGAGAGAACTGCTGTTACTCTGGAACCTGGAGGCGCTTCC 76
DB 467 TCACCAACGAGGAGTCAAGCGGTTACTGCTCAATGACGAGAACCCGAGAGGACCTTCC 526
QY 77 TCATCCGGAGAGCCAGACGAGAGGCTTACTCTGTGTCAGTCCGCGCTCAGCGGCC 136

Db 527 TCCTGGAGAAAGGAGACCAAGAGGCTCTACTCTCTTGAAGTCTGACTTGCACA 586
Qy 137 CTGCATCTCTGGAGCCGATGAGACTACAGATTCAGCTTGAACATGAGCTGGCTGT 196
Db 587 ACCCGAAGGGCTCAAGCTGAGACTACAGATTCGCAAGCTGAGACGGCGGCTTCT 646
Qy 197 ACATCTCAGCGGCTCAGCTTCCCTCACTCCAGGCGCCCTGGAGCACTTAC 249
Db 647 ACATCAGCTCCGACCACTTCAACAGCTTCAGCAGCTGGGCTTACTAC 699

RESULT 5
PCT-US93-06251-77

Sequence 77, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DIGILIO, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 2647 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-77

Query Match 29.3%; Score 73; DB 5; Length 2647;
Best Local Similarity 55.8%; Pred. No. 1,3e-12;
Matches 139; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy 1 TGCGTATGAGGGCTTGAAGCAGGAGAGAACTGCTGTGTACTCTGGAGAC 60
Db 1024 TGGTACTTTGGAAAAGTGGCGGAAAAGTCTGAGCAAGCAATGTCCTTTGAAAC 1083
Qy 61 CTTGAGAGGGCTTCTCTATCCGAGAGAGCAGACCCAGAGAGGCTTACTCTGTCA 120
Db 1084 CCAAGAGTACCTTTCTTATCCGAGAGAGGAAACCAAGAGGCTTACTCTTCT 1143
Qy 121 GTCCGCTCAGCCGCTGACATCTCTGAGACCGGATCAGACTACAGATTCACCTGCTT 180
Db 1144 ATCCGATTTGGAGATATGAAAGAGACATGCTCAACATTTTAAATTGCAAACTT 1203
Qy 141 GACATGCTGCTGCTGATATCTACACGCGCTTCACTTCCCTTCACTCCAGGCGCTGTG 240
Db 1204 GACATGCTGCTGATATCTACATTAACCCGCGCCAGTTGAAACACTTCAAGAGCTTGT 1263

Qy 241 GACCATTAAC 249
Db 1264 CAACATTAAC 1272

RESULT 6
US-07-820-011A-1

Sequence 1, Application US/07820011A
Patent No. 5336615
GENERAL INFORMATION:
APPLICANT: Bell, Leonard
APPLICANT: Madril, Joseph A.
APPLICANT: Warren, Stephen L.
APPLICANT: Luthringer, Daniel J.
TITLE OF INVENTION: Genetically Engineered
TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
TITLE OF INVENTION: Migration
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Maurice M. Klee
STREET: 1951 Burr Street
CITY: Fairfield
STATE: Connecticut
COUNTRY: USA
ZIP: 06430
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb storage
COMPUTER: IBM PC XT
OPERATING SYSTEM: PC-DOS/MS-DOS 2.1.0
SOFTWARE: Displaywrite 3
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/820,011A
FILING DATE: 19920106
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Klee, Maurice M.
REGISTRATION NUMBER: 30,399
REFERENCE/DOCKET NUMBER: LB-101
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 255 1400
TELEFAX: (203) 254 1101
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1602 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: Double
TOPOLOGY: Linear
MOLECULE TYPE: CDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Gallus, gallus
PUBLICATION INFORMATION:
AUTHORS: Takeya, Tatsuo
AUTHORS: Hanafusa, Hidesaburo
TITLE: Structure and Sequence of the
TITLE: Cellular Gene Homologous to the RSV src
TITLE: Gene and the Mechanism for Generating the
JOURNAL: Cell
VOLUME: 32
PAGES: 881-890
DATE: March, 1983
US-07-820-011A-1

Query Match 26.7%; Score 66.6; DB 1; Length 1602;
Best Local Similarity 54.2%; Pred. No. 8.6e-11;
Matches 135; Conservative 0; Mismatches 114; Indels 0; Gaps 0;

Qy 1 TGCGTATGAGGGCTTGAAGCAGGAGAGAACTGCTGTGTACTCTGGAGAC 60
Db 442 TGGTACTTTGGAAAAGTCTCTGCGGAGTCCGAGGCGCTGCTCAACCCGAAAAC 501

QY 61 CCTGAGGGGCTTCTCTCATCCGAGAGAGCCAGACGAGGCTTACTCTGTCA 120
DB 502 CCCCGGGGAACTTCTTGGTCCGGGAGGCGAGCAAAAGTGCTTATGGCTCTCC 561
QY 121 GTTCCGCTCAGCCGCTCTGATCTCGGACCGGATCAGCACTTACAGATCAGCTGCTT 180
DB 562 GTTCTGACTTTGACAAAGCGGAGGCTCATGTGAGCACTACAGATCCGAACTG 621
QY 181 GACAAATGCTGCTGTACATCTCAGCGGCTCACCCTTCCCTCACTCAGGCTGTG 240
DB 622 GACAGGGGGGCTTCTTACATCATTACAGCAACAGTTGAGAGCTCAGACAGCTG 681
QY 241 GACCAATTAC 249
DB 682 GCCTACTAC 690

RESULT 7
PCT-US93-00445-1

Sequence 1, Application PC/TUS9300445

GENERAL INFORMATION:

APPLICANT: Bell, Leonard

APPLICANT: Madril, Joseph A.

APPLICANT: Warren, Stephen L.

APPLICANT: Luthinger, Daniel J.

TITLE OF INVENTION: Genetically Engineered

TITLE OF INVENTION: Endothelial Cells

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Maurice M. Klee

STREET: 1951 Burr Street

CITY: Fairfield

STATE: Connecticut

COUNTRY: USA

ZIP: 06430

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 760 Kb storage

COMPUTER: DELL 486/50

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Displaywrite 3

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/00445

FILING DATE: 19930105

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/820,011

FILING DATE: 06-JAN-1992

ATTORNEY/AGENT INFORMATION:

NAME: Klee, Maurice M.

REGISTRATION NUMBER: 30,399

REFERENCE/DOCKET NUMBER: ALX-101PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (203) 255 1400

TELEFAX: (203) 254 1101

INFORMATION FOR SEQ ID NO. 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1602 base pairs

TYPE: NUCLEIC ACID

STRANDEDNESS: Double

TOPOLOGY: Linear

MOLECULE TYPE: cDNA to mRNA

HYPOTHETICAL: NO

AMT-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Gallus, gallus

PUBLICATION INFORMATION:

AUTHORS: Takeya, Tatsuo

AUTHORS: Hanafusa, Hideaburo

TITLE: Structure and Sequence of the

TITLE: Cellular Gene Homologous to the RSV src

TITLE: Gene and the Mechanism for Generating the

TITLE: Transforming Virus

JOURNAL: Cell
VOLUME: 32
PAGES: 881-890
DATE: March, 1983
PCT-US93-00445-1

Query Match 26.7%; Score 66.6; DB 5; Length 1602;
Best Local Similarity 54.2%; Pred. No. 8.6e-11;
Matches 135; Conservative 0; Mismatches 114; Indels 0; Gaps 0;

QY 1 TGGCTGTATAGAGGCGCTGACGAGGAGAAAGCAGAGAACTGCTGTGTTACTTGGGAAAC 60
DB 442 TGGTACTTGGGAAAGATCATCTGTGCGAGTCCGAGCGCTGTCTCAACCCGAAAC 501
QY 61 CCTGAGGGGCTTCTCTCATCCGAGAGAGCCAGACGAGGCTTACTCTGTCA 120
DB 502 CCCCGGGGAACTTCTTGGTCCGGGAGGCGAGCAAAAGTGCTTATGGCTCTCC 561
QY 121 GTTCCGCTCAGCCGCTCTGATCTCGGACCGGATCAGCACTTACAGATCAGCTGCTT 180
DB 562 GTTCTGACTTTGACAAAGCGGAGGCTCATGTGAGCACTACAGATCCGAACTG 621
QY 181 GACAAATGCTGCTGTACATCTCAGCGGCTCACCCTTCCCTCACTCAGGCTGTG 240
DB 622 GACAGGGGGGCTTCTTACATCATTACAGCAACAGTTGAGAGCTCAGACAGCTG 681
QY 241 GACCAATTAC 249
DB 682 GCCTACTAC 690

RESULT 8
US-09-006-675-5

Sequence 5, Application US/09006675

Patent No. 5952213

GENERAL INFORMATION:

APPLICANT: Hemmelt-Bryanlou, Al

APPLICANT: Weinstein, Daniel C.

TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF

TITLE OF INVENTION: USE THEREOF

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klamber & Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/006,675

FILING DATE: 13-JAN-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-217

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO. 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 282 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

FEATURE:
NAME/KEY: CDS
LOCATION: 1..282
US-09-006-675-5

Query Match 26.2%; Score 65.2; DB 2; Length 282;
Best Local Similarity 57.7%; Pred. No. 1.4e-10;
Matches 143; Conservative 0; Mismatches 93; Indels 12; Gaps 1;

QY 1 TGGCTGATAGAGGCGCTGAGAGGAGAAAGAGAGAACTGCTGTTTACTTGGAGAC 60
DB 1 TGGTACTTTAAAGGATAGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 60
QY 61 CTGAGAGGCGCTTCTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120
DB 61 AAAAGTGGGGCTTTTCATGATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120
QY 121 GTCCGCTCAGCGCCCTGATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
DB 121 GTCCGAGAC-----TCAGGAGACAGTGTGAACATTACAAATTCGACACTC 168
QY 181 GACATGCTGCTGATCATCTGACCGGCTCACTTCCCTCACTCCAGGCTGTG 240
DB 169 GATGATGAGAGTTCTTCATTTCTACAGGATCCCTTTCTCTTTCGAGAGCTGTA 228
QY 241 GACCATTA 248
DB 229 CGCATTA 236

RESULT 9

US-09-228-603A-5
Sequence 5, Application US/09228603A
Patent No. 6291651

GENERAL INFORMATION:

APPLICANT: Hemmati-Briyanlou, Ali

APPLICANT: Weinstein, Daniel C.

TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF

TITLE OF INVENTION: USE THEREOF

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESS: Klauber & Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/228,603A

FILING DATE: 12-JAN-1999

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-217 N

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 282 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: CDNA

HYPOTHETICAL: NO

FEATURE:

NAME/KEY: CDS
LOCATION: 1..282
US-09-228-603A-5

Query Match 26.2%; Score 65.2; DB 4; Length 282;
Best Local Similarity 57.7%; Pred. No. 1.4e-10;
Matches 143; Conservative 0; Mismatches 93; Indels 12; Gaps 1;

QY 1 TGGCTGATAGAGGCGCTGAGAGGAGAAAGAGAGAACTGCTGTTTACTTGGAGAC 60
DB 1 TGGTACTTTAAAGGATAGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 60
QY 61 CTGAGAGGCGCTTCTCATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120
DB 61 AAAAGTGGGGCTTTTCATGATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120
QY 121 GTCCGCTCAGCGCCCTGATCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 180
DB 121 GTCCGAGAC-----TCAGGAGACAGTGTGAACATTACAAATTCGACACTC 168
QY 181 GACATGCTGCTGATCATCTGACCGGCTCACTTCCCTCACTCCAGGCTGTG 240
DB 169 GATGATGAGAGTTCTTCATTTCTACAGGATCCCTTTCTCTTTCGAGAGCTGTA 228
QY 241 GACCATTA 248
DB 229 CGCATTA 236

RESULT 10

US-09-006-675-1
Sequence 1, Application US/09006675
Patent No. 5952213

GENERAL INFORMATION:

APPLICANT: Hemmati-Briyanlou, Ali

APPLICANT: Weinstein, Daniel C.

TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF

TITLE OF INVENTION: USE THEREOF

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESS: Klauber & Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/006,675

FILING DATE: 13-JAN-1998

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-217

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1491 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: CDNA

HYPOTHETICAL: NO

FEATURE:

NAME/KEY: CDS

LOCATION: 1..1491
US-09-006-675-1

Query Match 26.2%; Score 65.2; DB 2; Length 1491;
Best Local Similarity 57.7%; Pred. No. 2.2e-10;
Matches 143; Conservative 0; Mismatches 93; Indels 12; Gaps 1;

QY 1 TGGCTGATGAGGCGCTTCTGATCGGAGAGAGAGAACTGCTTCTTCTGGAAC 60
DB 349 TGGTACTTTAAAGCATGAGCCGGAAGAGAGTAAAGGAGCTGATCTCTGTTAAT 408
QY 61 CCTGAGGAGGCTTCTCTCATCGGAGAGAGAGAGAGGCTTCTTACTCTGTGA 120
DB 409 AAAAGTGGGGCTTTCATGATCGAGAGAGAGAGATGAAAGTTGTTCTCTCTCT 468
QY 121 GTCCGCTTACGCGCCCTGATCTGAGAGAGAGAGAGAGATGAGATGAGATGCTT 180
DB 469 GTCCGAGAC-----TCAGGGGACACTGTGAACATTAACAAATTCGACACTC 516
QY 181 GACATGCTGCTGATCATCTACCGGCTCTACCTTCTCTCACTCCAGGCTGTG 240
DB 517 GATGATGAGGTTCTTCTTCTTCTACAGGATCCCTTCTTCTTCTGAGAGCTGTGA 576
QY 241 GACCATTA 248
DB 577 CGCATTA 584

RESULT 11

US-09-228-603A-1
Sequence 1, Application US/09228603A

Patent No. 6291651

GENERAL INFORMATION:

APPLICANT: Hemmati-Brivanlou, Ali

APPLICANT: Weinstein, Daniel C.

TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF

TITLE OF INVENTION: USE THEREOF

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue, 4th Floor

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/228,603A

FILING DATE: 12-JAN-1999

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-217 N

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1491 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: CDNA

HYPOTHETICAL: NO

FEATURE:

NAME/KEY: CDS

LOCATION: 1..1491

US-09-228-603A-1

Query Match 26.2%; Score 65.2; DB 4; Length 1491;
Best Local Similarity 57.7%; Pred. No. 2.2e-10;
Matches 143; Conservative 0; Mismatches 93; Indels 12; Gaps 1;

QY 1 TGGCTGATGAGGCGCTTCTGATCGGAGAGAGAGAACTGCTTCTTCTGGAAC 60
DB 349 TGGTACTTTAAAGCATGAGCCGGAAGAGAGTAAAGGAGCTGATCTCTGTTAAT 408
QY 61 CCTGAGGAGGCTTCTCTCATCCGGAAGAGAGAGAGAGGCTTCTTACTCTGTGA 120
DB 409 AAAAGTGGGGCTTTCATGATCGAGAGAGAGAGATGAAAGTTGTTCTCTCTCT 468
QY 121 GTCCGCTTACGCGCCCTGATCTGAGAGAGAGAGAGAGATGAGATGAGATGCTT 180
DB 469 GTCCGAGAC-----TCAGGGGACACTGTGAACATTAACAAATTCGACACTC 516
QY 181 GACATGCTGCTGATCATCTACCGGCTCTACCTTCTCTCACTCCAGGCTGTG 240
DB 517 GATGATGAGGTTCTTCTTCTTCTTCTACAGGATCCCTTCTTCTTCTGAGAGCTGTGA 576
QY 241 GACCATTA 248
DB 577 CGCATTA 584

RESULT 12

PCT-US93-06251-83
Sequence 83, Application PC/TUS9306251

GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.

TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing

TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates

NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:

ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: NY

COUNTRY: USA

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/06251

FILING DATE: 19930630

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Digilio, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 8586

TELECOMMUNICATION INFORMATION:

TELEPHONE: 516-742-4343

TELEFAX: 516-742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 83:

SEQUENCE CHARACTERISTICS:

LENGTH: 4517 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

PCT-US93-06251-83

Query Match 21.0%; Score 52.2; DB 5; Length 4517;
Best Local Similarity 51.5%; Pred. No. 2.1e-06;
Matches 120; Conservative 0; Mismatches 113; Indels 0; Gaps 0;

QY 17 TGACGAGGAGAAAGAGAACTGCTGTTTACTGGAACCTGAGGGGCTTCC 76

Db 695 TGGGAGAAAAGATCTGAAAGTATCTTGAATCTGGAATCAAGAGATATTTCT 754
Qy 77 TCATCCGGAGAGCCAGACGAGAGAGGCTCTTACTCTCTGACGCGCC 136
Db 755 TACTAAGAGAGGTGAAACAACTAAGGCTTATCTCTTCTATGATGGGATG 814
Qy 137 CTGCATCTGGGACCGGATGACACTAAGATCCCTGCTTCAATAGGCTGCT 196
Db 815 AGATAGGGGTGACATGTAACACTAATAATTGAGAACTTACATGCTGACT 874
Qy 197 ACATCTACCGCGCTTCACTTCCCTCACTCCAGGCGCTGTGACCATAC 249
Db 875 ATATCAACACGAGACATTTGATCTGCGAAATTTGGTAACACTAC 927

RESULT 13

US-09-099-053-1
Sequence 1, Application US/09099053

GENERAL INFORMATION:

APPLICANT: Greg Plowman
APPLICANT: Susan Onrust
APPLICANT: David Markby
APPLICANT: Sara Courtenidge
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: SAD RELATED DISORDERS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fastseq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,053
FILING DATE: Herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/049,914
FILING DATE: June 18, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,337
REFERENCE/DOCKET NUMBER: 235/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 1548 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-099-053-1

Query Match 19.6%; Score 48.8; DB 4; Length 1548;
Best Local Similarity 57.1%; Pred. No. 1.6e-05;

Matches 89; Conservative 0; Mismatches 67; Indels 0; Gaps 0;

Qy 1 TGGCTGATAGAGCCCTGAGAGGAGAAAGAGAGAACTGCTGTTGTTACTGGGAA 60
Db 406 TGGACTTTAGGGGGGTGATCGGAGCCAGGACAGCGAGCTCTCTCCCAACCCAC 465

Qy 61 CCTGAGGGGCTTCTCTCATCCGAGAGCCAGACGAGAGGCTCTACTCTGTA 120
Db 466 GAACCAAGGGGCTTCTCTCATCCGAGAGCCAGAGAGAGGCTCTACTACTGTA 525
Qy 121 GTCCGCTCAGAGCCCTTCACTCTGGAGCCGATC 156
Db 526 GTCCGGGCCAGGCGAAGGTCTGCTCACTACCGGCTC 561

RESULT 14

PCT-US93-06251-14
Sequence 14, Application PC/TUS9306251

GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
LENGTH: 190 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-14

Query Match 18.5%; Score 46; DB 5; Length 190;
Best Local Similarity 56.7%; Pred. No. 6e-05;
Matches 85; Conservative 0; Mismatches 65; Indels 0; Gaps 0;

Qy 100 AGAGGCTTACTCTCTGTCAGTCGCGCTCAGCGCCCTGATCTGGAGCGGATAGA 159
Db 17 ACGAGTCTTACTCTCTGTCAGTCGCGCTCAGCGCGGATAGACAGAGGCAATGTAAG 76
Qy 160 CACTACAGATCACTGCTTGACATGCTGCTGATCATCTCAACCGGCTCACTTC 219
Db 77 CATTACAGATCCGCAATGACATGAGCGGCTTACTACATCACACAGGGGTTCAGTTC 136
Qy 220 CCTCACTCCAGCGCCCTGATGACCATAC 249
Db 137 AACTCGGTGAGAGCTGTGCGACACTAC 166

RESULT 15

PCT-US93-06251-13
Sequence 13, Application PC/TUS9306251

GENERAL INFORMATION:

APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing

TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates

NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:

ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: NY

COUNTRY: USA

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/06251

FILING DATE: 19930630

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: DIGILIO, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 8586

TELECOMMUNICATION INFORMATION:

TELEPHONE: 516-742-4343

TELEFAX: 516-742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 144 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

PCT-US93-06251-13

Query Match

18.1%; Score 45; DB 5; Length 144;

Best Local Similarity 70.6%; Pred.No. 0.00011;

Matches 60; Conservative 0; Mismatches 25; Indels 0; Gaps 0;

QY 20 GCAGGGAGAAGCAGAGAACTGCTGTGTACTGGAACCTGAGGGGCTTCCTCA 79

Db 41 GGAGAAAGATGCAAGAGGCGAGCTGCTTTCACAGGCAACCCCGAGGGGCTTCTCA 100

QY 80 TCCGGAGAGCCAGACCAAGAGAGG 104

Db 101 TTCGGGAAAGCGAGACCAAGG 125

Search completed: March 30, 2003, 06:27:25

Job time : 15.0303 secs

